

**Notice of Allowability**

Application No.

09/972,167

Examiner

Anthony Mackowey

Applicant(s)

WILSON, BLAKE

Art Unit

2623

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment After Final filed 31 August 2005.
2. ☒ The allowed claim(s) is/are 1, 2, 6, 7, 9, 10, 17, 19, 21, 22-25, 27, 28 and 30, Renumbered 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

JINGGE WU  
PRIMARY EXAMINER

***Response to Arguments***

The amendment file August 31, 2005 has been entered and made of record.

Applicant's arguments, see pages 7-10, filed August 31, 2005, with respect to the rejection of claims 1, 2, 6, 7, 9, 10, 17, 19, 21-25, 27, 28 and 30 have been fully considered and are persuasive. The rejection of claims 1, 2, 6, 7, 9, 10, 17, 19, 21-25, 27, 28, 30 has been withdrawn.

***Allowable Subject Matter***

Claims 1, 2, 6, 7, 9, 10, 17, 19, 21-25, 27, 28 and 30 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 1, 22, 28 and 30 recite:

“superimposing position data upon the improvement image, the superimposed position data denoting geographic positions and image positions of at least two image reference points that depict features,

extracting the superimposed position data of the at least two image reference points,

interpreting geographic positions for the features based on the extracted superimposed position data,

computing a geographic distance between the features,

determining a geographic direction between the features,

interpreting image positions for the features based on the extracted  
superimposed position data,  
computing an image distance between the features,  
determining an image direction between the features, and  
determining an improvement image scale factor based on the computed  
geographic distance between the features and the computed image distance between  
the features.”

The elements of the claims as explicitly recited are neither disclosed nor  
suggested by the prior art of record. Claims 2, 6, 7, 9, 10, 17, 19 and 21 depend from  
claim 1. Claims 23-25 and 27 depend from claim 22.

Any comments considered necessary by applicant must be submitted no later  
than the payment of the issue fee and, to avoid processing delays, should preferably  
accompany the issue fee. Such submissions should be clearly labeled “Comments on  
Statement of Reasons for Allowance.”

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the  
examiner should be directed to Anthony Mackowey whose telephone number is (571)  
272-7425. The examiner can normally be reached on M-F 9:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's  
supervisor, Jingge Wu can be reached on (571) 272-7429. The fax phone number for  
the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AM  
9/13/2005



JINGGEWU  
PRIMARY EXAMINER